MA1.3s

Light weight, high performance power amplifier

electronics

features

- Switch mode power supply
- Superior sonic performance
- Light weight
- Advanced protection circuits
- Efficient copper cooling system

applications

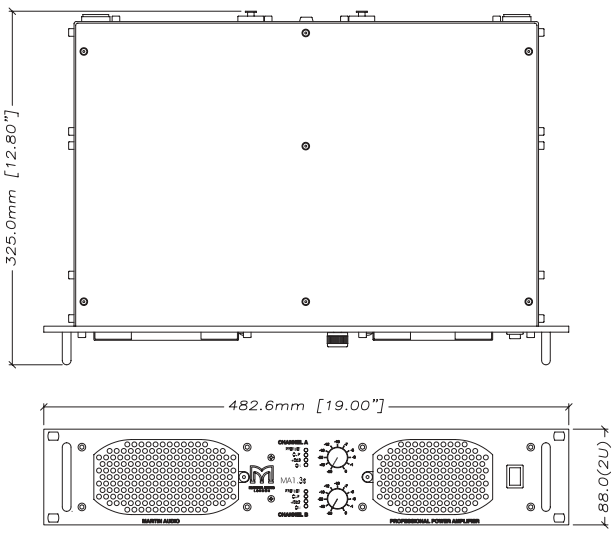
- Live sound reinforcement
- Fixed installations

The MA1.3s is one of a range of power amplifiers that have been designed to combine reliability and high power with sonic excellence. Utilising an advanced switch mode power supply, the amplifier is characterised by a very high power-to-weight ratio in a lightweight, 2U package. The innovative technology at the heart of the MA1.3s enables it to set new standards in terms of sonic accuracy, impact and clarity.

technical specifications

MAX OUTPUT POWER	
EIA AT 1 kHz AND 1% THD	
8 PER CHANNEL	350 W
4 PER CHANNEL	650 W
2 PER CHANNEL	1100 W
8 BRIDGED	1400 W
4 BRIDGED	1600 W
MAX OUTPUT VOLTAGE	
8Ω LOAD	53 Vrms
PEAK VOLTAGE, NO LOAD	78 V
DISTORTION	
THD 20Hz – 20kHz AND 1 W TO FULL POWER	0.07%
THD AT 1kHz AND –1dB UNDER CLIP	0.01%
DIM AT –3dB UNDER CLIP	0.008%
HUM AND NOISE	<-105dB
CHANNEL SEPARATION @ 10kHz	70dB
OUTPUT IMPEDANCE	30 mΩ
SLEW RATE	40 V/μs
INPUTS	
GAIN SELECTABLE (dB)	20, 23, 26, 29, 32, 35, 38, 41
IMPEDANCE	10 kΩ
COMMON MODE REJECTION	50dB
FRONT PANEL	
GAIN CONTROLS	31 position detent
INDICATORS: PROTECT	Yellow LED
INDICATORS: CLIP	Red LED
INDICATORS: SIGNAL PRESENT (-40dB)	Green LED
REAR PANEL	
INPUT CONNECTORS	Neutrik Combo
LINK CONNECTOR	XLR-male
CLIP LIMITERS	On/off each channel
LINK-SWITH	CH. A-B
POWER	
OPERATION VOLTAGE	130-270V
SOFT START	Yes
PEAK INRUSH CURRENT	5 A
FULL OUTPUT POWER	180-260 V
MIN START VOLTAGE	175 V
115V OPTION	Yes
CURRENT DRAW AT 4Ω/230V	
QUIESCENT POWER (NO LOAD)	0.9 A rms
1/8 OF FULL POWER (-9dB)	5 A rms
1/3 OF FULL POWER (-5dB)	8 A rms
AT FULL POWER (0dB) @ 1kHz 1%THD	14 A rms
DIMENSIONS	
WIDTH	483mm (19ins)
HEIGHT	88mm (3.5ins) 2U
DEPTH (incl. handles)	325mm (12.8ins)
WEIGHT	7.9kg (17lbs)

overall dimensions



MA1.3s

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